

## SEVERE LOCAL STORMS, AUGUST 1935

[Compiled by Mary O. Souder, from reports by Weather Bureau officials]

[The table herewith contains such data as have been received concerning severe local storms that occurred during the month. A revised list of tornadoes will appear in the Annual Report of the Chief of Bureau]

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Green, Ind.	1	4 p. m.	1 2½		\$15,000	Thundersquall	Property damage \$5,000; crop damage \$10,000; path 4 miles long.
Williamsport Pa.	1	5 p. m.			10,000	Heavy electrical	Many large trees uprooted, 1 crashing through an automobile top; many electric poles blown down with resultant delay to communication lines.
Oreland, Pa.	1	7:15 p. m.	100	0	5,000	Small tornado	Damage mostly to small buildings; loss to crops; path very short.
Red Cloud, Nebr.	1	8:30-9 p. m.	800	0	5,000	Tornado	2 persons injured; property damaged.
Genesee to Schuyler Counties, N. Y.	1				500,000	Hail and wind	Hail damage to fruits, grains, beans and other crops amounted to thousands of dollars; winds wrecked barns and silos, damaged property; uprooted trees and tore down telephone lines in scattered localities; in the vicinity of Hector, N. Y., alone, damage to fruits and other crops estimated to be \$500,000.
Lebanon, near, S. Dak.	1	6 p. m.	13		40,000	Wind	Damage to buildings and farming implements; loss to crops; path 10 miles long.
Miami and Claypool, Ariz.	1				3,000	Heavy rain	Sections of the road washed; highway traffic delayed.
Miller, near, S. Dak.	1	8 p. m.	16		100,000	Hail	Damage to roofs, cars, farming implements and windows; loss to crops, poultry and livestock; path 25 miles long.
Norwood, N. Y.	1				5,000	Electrical	4 barns burned after being struck by lightning.
Peru, N. Y.	1				50,000	Heavy hail	Loss to crops, especially to apples.
Potsdam, near, N. Y.	1			1		Electrical	1 person killed by lightning.
Richland, Iowa	1				3,700	Wind and rain	Cornfields flattened; buildings damaged.
Le Sueur, Minn.	1-2				6,000	Heavy rain	Railroad tracks washed out; much corn lodged; considerable damage to grain in shocks; 7.34 inches of rain fell in 3½ hours.
Carroll-Wayne, Nebr.	2	3 p. m.	12		30,000	Hail and wind	Property damaged.
Galesburg-Knoxville, Ill.	2				10,000	Wind	Property damage, \$10,000; corn blown down; wheat and oat shocks scattered; loss to grain not estimated.
Monroe, Wis.	2				5,000	do.	Loss to grain and corn; on 1 farm the barn was destroyed and silos, sheds, and machinery damaged.
Clinton, Iowa	3					Thunderstorm, heavy rain	Basements flooded, foundations undermined and traffic delayed.
Peru and Ausable Chasm, N. Y.	4	5:30 p. m.			250,000	Heavy hail	Loss to crops; \$100,000 to apples alone; roofs and windows damaged.
Falls, Pa., and vicinity	4	P. m.			5,000	Electrical	Trees uprooted; communication lines damaged; porches of several small cottages unroofed.
Norwood, Minn., and vicinity	5	4:22 p. m.	440	0	30,000	Small tornado	Several barns and outbuildings wrecked; roof of large town garage lifted; residences damaged; trees uprooted; loss to crops; path 7 miles long.
Merton, Minn., and vicinity	5	P. m.				Hail	Considerable damage to growing crops.
Richland, Minn.	5	do.		0		Small tornado	Several farm houses and buildings wrecked or damaged; poles down; trees uprooted and loss to crops.
Minnesota, extreme southeastern portion.	5	do.			150,000	Rain and flood	Long stretches of railroad track, bridges and dams washed out; highways damaged; creosote block pavements buckled; basements flooded; many acres of farm land under water; much crop loss; considerable property damage; rail and highway traffic seriously delayed.
Cumberland and Rice Lake, Wis., vicinity of.	5				20,000	Wind and rain	Several barns and silos destroyed and other buildings damaged.
Walworth and Edmunds Counties, S. Dak.	6	5:45 p. m.			9,000	Hail	Windows broken; roofs wrecked; poultry killed; gardens damaged; loss to property \$1,500 and to crops, \$8,000.
La Crosse, Monroe, Vernon, Sauk, Dane, and Buffalo Counties, Wis.	6			1	300,000	Heavy rain and flood	Dams broke; several buildings swept away; highways and railroads washed out; at least 14 bridges carried off their foundations or wrecked; tangible property loss \$300,000 and loss of prospective crops nearly as much more.
Beadie County, S. Dak.	7	5:20-5:45 p. m.	17		5,500	Wind	Damage to houses and outbuildings; path 8 miles long.
Clark County, S. Dak.	7	5:45 p. m.			1,000	do.	Garage wrecked; loss in shocked grain.
Humboldt-Sioux Falls, S. Dak.	7	9-9:30 p. m.		2		Wind, rain and hail	Heaviest hail damage from Humboldt to Hartford and 4 to 5 miles south; corn stripped of leaves; windows broken; roofs riddled; washouts due to heavy rain in Sioux Falls flooded streets and basements; 2 men pinned underneath a truck, when it overturned, and killed.
Galloway, Ohio	8	4:30 p. m.	220	0	5,000	Tornado	Buildings damaged; trees uprooted; cornfields flattened.
Bagley, Iowa, 3 miles south	8			0		do.	Buildings destroyed and trees blown down; amount of damage not estimated.
Midland, Iowa	8					Thunderstorm, heavy rain and hail	Lightning struck trees and fences; estimated losses to shocked grains and corn from 50 to 90 percent.
Ville Platte, La	9	5-5:15 p. m.	12		3,000	Wind	Several houses unroofed; trees uprooted; crops damaged; path 4 miles long.
Clarke, La.	10	2:30 p. m.			3,000	do.	Damage principally to a lumber mill, where a man was injured by flying glass; houses unroofed; smokestack blown down.
Havre, Mont.	10	3:30-12 p. m.				Gale	Considerable dust hurled into the air, thickest from 6:30 to 8 p. m., when the visibility was only 2 miles.
Glasgow, Mont.	10	4-7 p. m.	120		5,000	Wind	Damage to property and communication lines.
Faith, S. Dak., vicinity of.	10	P. m.	12		500	do.	Mowed hay and some stacks scattered.
Palestine, Tex. 4 miles west	10			0	100	Tornado	A meat house and a poultry house blown down.
Daniels County, Mont.	11				100,000	Hail	Loss to crops; no other property damage mentioned; storm particularly severe.
Cherokee County, Kans.	12	3:30-4 p. m.	120		50,000	Wind	Chief damage to power and telephone lines and to property; path 40 miles long, extending into Missouri.
Rockville, Ind., near	12				1,200	Electrical	Barn and contents destroyed.
Jasper and Barton Counties, Mo.	12				13,000	Wind and rain	Considerable damage to trees, outbuildings, and communication lines; loss to crops.
Springfield, Mo., and vicinity	12				50,000	Thundersquall, hail and heavy rain	Much damage to telephone and electric lines throughout the city; roofs damaged by hail; numerous trees uprooted and limbs torn off and carried quite a distance; a near-tornado reported at 3:30 p. m., tearing down trees, blocking the highway with debris.
Chautauqua County, N. Y.	12				17,500	Thundersquall	Power and light lines blown down; 2 barns burned by lightning; loss to peach and apple crops; trees blown down blocking highways.
Dayton, Ohio, vicinity of	13	A. m.				do.	Wind, making a curved path through a grove of large trees, blew down 21 and damaged many others; velocity of 46 miles per hour recorded at Dayton; 0.86 inch of rainfall between 3:15 and 3:50 a. m.; storm covered a large area.
Goodlettsville, Tenn.	13				6,000	do.	Lightning damaged a house and packing plant; damage to trees, wires, and roofs.
Trenton, N. J.	15	3:50-5:35 p. m.				Thunderstorm	Considerable damage reported.
Cumberland and Dauphin Counties, Pa.	15	P. m.			25,000	Electrical	Series of violent electric storms in early evening; 4 barns and several dwellings struck by lightning; 1 person injured by falling tree.
Scranton, Pa., and vicinity	16					Severe electrical, excessive rain and heavy hail.	15 places struck by lightning; streets and cellars flooded.

1 Miles instead of yards.

## SEVERE LOCAL STORMS, AUGUST 1935—Continued

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Baldwin, Kans., miles north-west.	17	11:30 a. m.-12:30 p. m.	1 2			Wind.	Trees uprooted; crops damaged; farm implements overturned; path 2 miles long; amount of damage not estimated.
Wakefield, Nebr.	17	6-7:30 p. m.	1 1		\$5,000	Wind and hail.	Property damaged.
Marshall, Mo., and vicinity.	17					Excessive rain.	4.35 inches of rain fell, mostly within 2 hours; streets, basements, and low-lands flooded; livestock drowned; loss to crops; bridges damaged.
Cuming County, Nebr., north-eastern section.	17		1 2		25,000	Hail.	Property damaged.
Big Stone County, Minn., southern portion.	17-18					Heavy rain.	Many basements and highways flooded; considerable damage reported.
Dubuque, Iowa, and vicinity.	19	A. m.				Thunderstorm.	Barn struck by lightning and destroyed; in another section 6 cattle killed by lightning.
Lexington, S. C., and vicinity.	19	3:30 p. m.			37,500	Heavy rain and flood.	Martel Mill Dam at Lexington gave way, causing \$25,000 damage; tourist camp, consisting of cabins, filling station, and cafeteria, and 3 residences, destroyed with \$12,000 loss; \$500 crop loss along the flooded creek over a path 50 yards wide and 6 miles long.
Hillsboro, Wis.	19				10,000	do.	Heavy rains in Sauk County during the 18th and 19th caused the Baraboo River to overflow at Hillsboro about 8 a. m. of the 19th; property damaged.
Elrosa, Minn., and vicinity.	19-20				40,000	Electrical, wind and rain.	15 farm buildings destroyed; church damaged.
Stearns County, Minn., southern portion.	19-20				72,500	Electrical and heavy rain.	Basements and lake cottages flooded; railroad tracks washed out; highways damaged; corn badly lodged.
La Bajada Hill, N. Mex.	20	10 p. m.		4	25,000	Cloudburst.	Excessive rain washed out a stretch of the highway and an automobile drove into a ditch that was 75 feet wide and 35 feet deep, causing the death of 4 persons.
Littleton, Sedalia, Watertown and Kassler, Colo., vicinity of.	20	P. m.			50,000	Torrential rains.	Train and automobile traffic interrupted; many farms inundated.
Philip-Presho, S. Dak., vicinity of.	21	3:30-8 p. m.			4,500	Wind and rain.	Buildings damaged; loss to crops.
Arthur, Nebr.	21	6:30 p. m.	1 2		3,000	Hail.	Property damaged.
Providence, R. I., and vicinity.	22					Thunderstorm.	In Providence lightning struck a church tower, hurling 1 of the small turrets from the top of the tower to the street; house and barn in eastern section of the city struck by lightning and damaged; several washouts occurred in Warwick, East Providence, and Warren; in Portsmouth lightning struck and destroyed a large barn containing 120 tons of hay, a prize bull dying in the blaze; in Warren the tower of the town hall was struck by lightning.
Wickenburg, Ariz.	22-23				10,000	Heavy rain and flood.	Torrents of water poured through the Wickenburg area, damaging several houses along the Hassayampa River, cutting away portions of the highway and railway, and damaging bridges so that all travel was delayed more than 24 hours.
Cambria, Wis., 20 miles southwest.	26			1	5,000	Wind.	Boy killed when a barn collapsed, 5 others injured; property damaged.
Spartanburg County, S. C.	26				4,275	Heavy rain.	Bridges and roads damaged.
Grand Rapids, Mich.	27	6:44 p. m.				Line squall.	Trees blown down; power lines snapped, and windows shattered.
Holly, near, Colo.	28	A. m.				Heavy rain.	High waters destroyed an earthen flood control dam; basements flooded; several barns inundated; livestock lost.
Wild Horse and Kit Carson, Colo.	28					do.	Railroad tracks washed out, delaying trains.
Willcox, near, Ariz.	28			5		do.	A transcontinental bus was hit by a wall of water at the Dragon underpass, near Willcox, with a loss of 5 lives.
Dodge, Nebr.	29		1 1	0	7,000	Tornado.	Property damaged.
Dona Ana County, N. Mex.	29-30	P. m.			806,150	Excessive rain.	In the vicinity of Las Cruces, 6.46 inches of rain fell in 9 hours causing \$205,000 property loss; rural losses in Dona Ana County as a direct result of the storm and from overflow of the Rio Grande occasioned by the storm amounted to \$806,150, divided as follows: property \$71,050; crops, matured and prospective, \$687,700; canals, roads, and land levels, \$45,600; livestock, \$1,800; from the State line to El Paso, Tex., the loss was estimated at \$350,000.
Carbon County, Mont.	31	4 p. m.			75,000	Hail.	\$50,000 crop loss; \$25,000 damage to buildings; cars and livestock loss.
Livingston, Mont.	31	P. m.	1 8		2,000	Hail and heavy rain.	Flooding caused by breaking of dams resulted in several thousand dollars' damage to property and loss to crops; \$2,000 damage from hail; not possible to estimate damage from flooding.
Tucson-Nogales, Ariz.	31				30,000	Flood.	Property damaged at Helvetia and other localities between Tucson and Nogales.

1 Miles instead of yards.

